

Product Datasheet

CD81 Antibody (1.3.3.22) [PE/Cy5.5] NBP2-54548PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-54548PECY55

CD81 Antibody (1.3.3.22) [PE/Cy5.5]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	1.3.3.22
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	PE/Cy5.5
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	975
Gene Symbol	CD81
Species	Human, Mouse, Rat
Specificity/Sensitivity	Recognizes a protein of 26kDa, identified as CD81 (Workshop VI; Code CD81.1). CD81 has a very broad cellular distribution, being expressed on T- and B-lymphocytes, NK cells, thymocytes, eosinophils, fibroblasts, epithelial and endothelial cells. Neutrophils, erythrocytes and platelets are negative, while monocytes are variably positive. CD81 is a member of a family of tetraspan transmembrane proteins, including CD9, CD37, CD53, CD63, and CD82. It associates with CD19, CD21, Leu 13, and integrins on cell membrane and is involved in signal transduction in B lymphocyte development and cell adhesion. CD81 also acts as a receptor for the envelope protein E2 of chronic hepatitis C virus. Antibodies to CD81 have anti-proliferative effects on different lymphoid cell lines, particularly those derived from large cell lymphomas.
Immunogen	Recombinant full-length human CD81 protein (Uniprot: P60033)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Knockout Validated, Single Cell Western
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Cell Surface), CyTOF-ready, Knockout Validated, Single Cell Western
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.





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Products Related to NBP2-54548PECY55

NBP1-77039PEP	CD81 Antibody Blocking Peptide
7268-CT-100	CTLA-4 [Unconjugated]
9144-CD-050	CD81 [Unconjugated]
NB400-104	SR-BI Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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